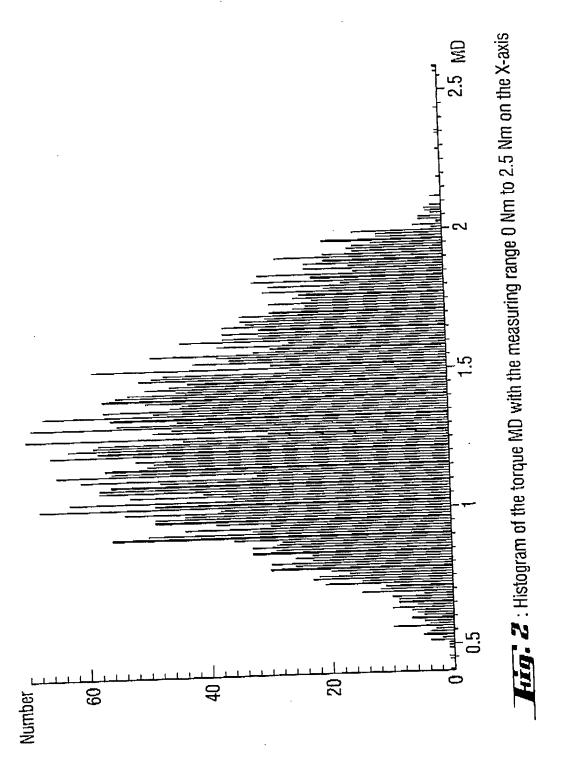
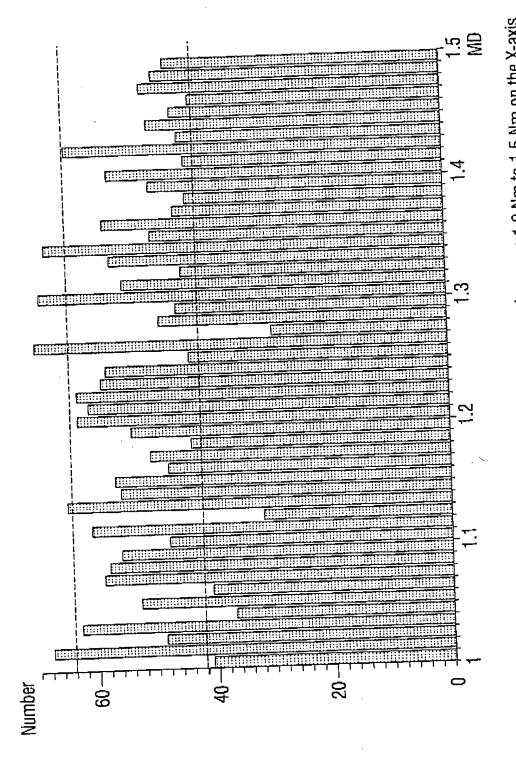
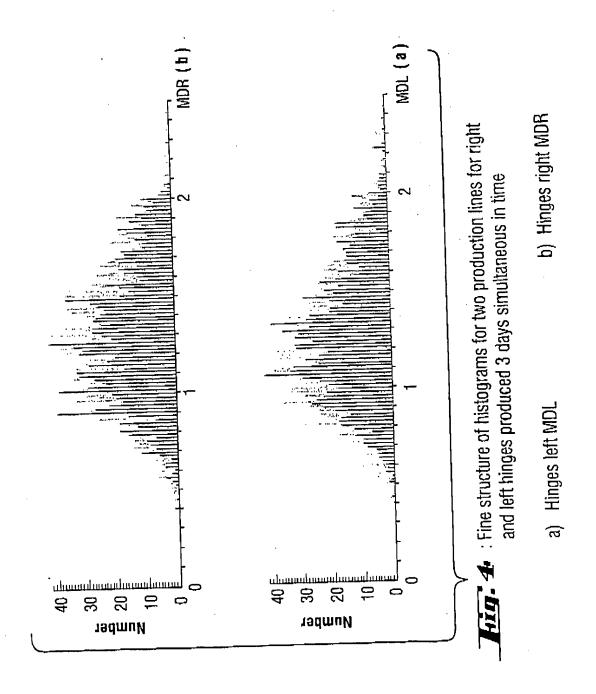


**Lig. 1**: Measured torque MD of a produced hinge over time (time axis in 10 second increments)



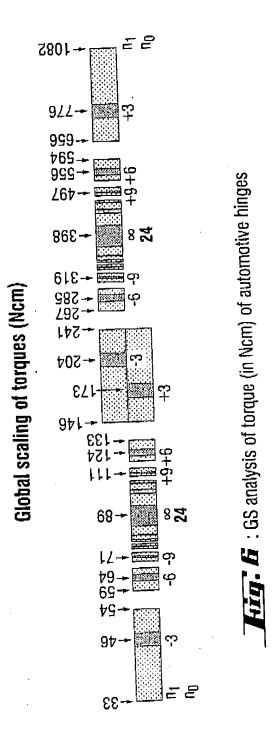


Histogram of the torque MD with the measuring range 1.0 Nm to 1.5 Nm on the X-axis

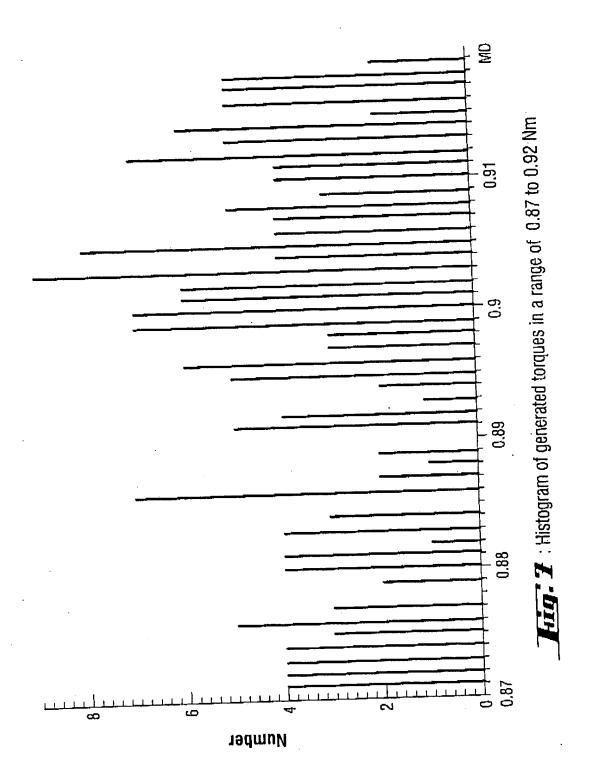


X	Optimize Super-flexib.	Overview data records	Overview standard measures		
Global-Scaling-Calculation (GSC) 3000 professional	File Analysis F2 Synthesis F3 Optimization Reset F5 Help  [Current OS	No.	SubY:       1.503283193505E-10       SubZ:       1       SubX:       1.27         InfY:       1.503274152907E-10       InfZ:       1       InfX:       1.27	Measure:         W         SubN0:         24           X:         1         SubN1:         6         InfN1:         6           +dX:         0         SubN2:         -5         InfN1:         6           -dX:         0         SubN2:         -5         InfN2:         -5           Rark:         2         -7         InfN2:         -5           GlobH:         2         -6         -5         -6           GlobC:         1.5         -7         -7         -7	SubV: 4.9847465762145 [IntV: 4.985645850944]

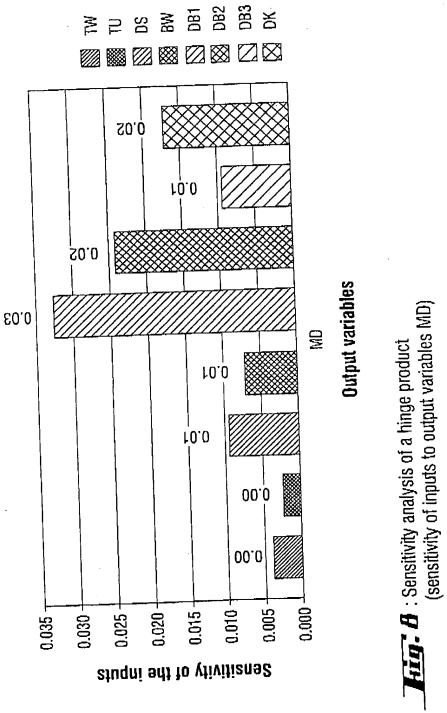
Egg : GSC3000 tool for GS analysis of physical and technical variables

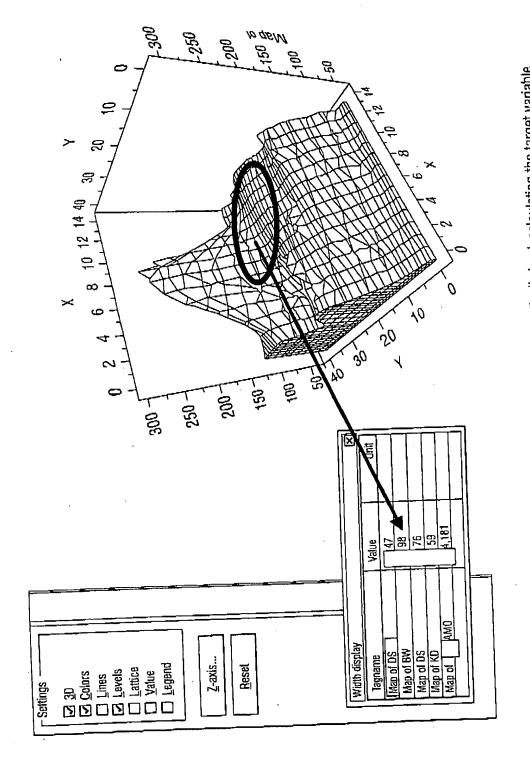


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F : Process optimization via self - organizing maps by automatically back calculating the target variable MD to the input values to be set

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**Fig.**  $AB: Depiction of possible input variables for hinges with target torque MD <math>= 1.392 \, \mathrm{Nm}$ 

